

ABSTRACT

The present invention relates to three-dimensional products comprising a structure having a first surface and a z-direction perpendicular to the first surface, the structure further comprising a base, a plurality of raised protrusion areas raised at least about 300 μm above the base of the structure, and a plurality of connecting elements, each connecting element ending at a raised protrusion and each connecting element raised above the base of the structure in the z-direction and at least partially recessed from the raised protrusions in the z-direction, wherein the connecting elements connect two of the raised protrusions areas; the plurality of raised protrusion areas and plurality of connecting elements together forming a pattern comprising at least a first sub-pattern region and second sub-pattern region; wherein the first sub-pattern region comprises a first set of parallel rows of raised protrusion areas and connecting elements and a second set of parallel rows of raised protrusions and connecting elements which are not parallel to the first set of parallel rows and the first sub-pattern region is structurally distinguishable from the second sub-pattern region.